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R20TS1080EJ0100

Rev.1.00

Nov. 05, 2024

Solution Toolkit

Development Assistance Tool for Capacitive Touch Sensors

QE for Capacitive Touch V4.0.0

Outline

QE for Capacitive Touch, a development assistance tool for capacitive touch sensors, has been updated from V3.5.0 to V4.0.0.

1. Description

The following sections cover the main improvements. For details and how to install the product, see the release note at the link below.

- QE for Capacitive Touch V4.0.0 Release Note

<https://www.renesas.com/document/rln/qe-capacitive-touch-v400-release-note>

1.1 New Features

- A Function to Select the Touch Judgement Type
For devices equipped with CTSU2 module, you can now select the touch judgement type. The touch judgement type can be chosen between the "Value Majority Mode" and the "Judgment Majority Mode".
- Low Voltage Operation Mode
Tuning and monitoring in low voltage operation mode are now supported for devices equipped with CTSU2 module.

1.2 Addition of Supported Devices

The following groups are now supported.

RX Family: RX260, RX261

1.3 Improved Calculation Accuracy of Capacitance Value

The calculation method has been revised to improve the accuracy of capacitance value.

2. Installing the Product

Download the installer for QE for Capacitive Touch V4.0.0 from the link below.

<https://www.renesas.com/qe-capacitive-touch#tab-release-information>

Revision History

Rev.	Date	Description	
		Page	Summary
1.00	Nov.05.24	-	First edition issued

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